

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

## IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.

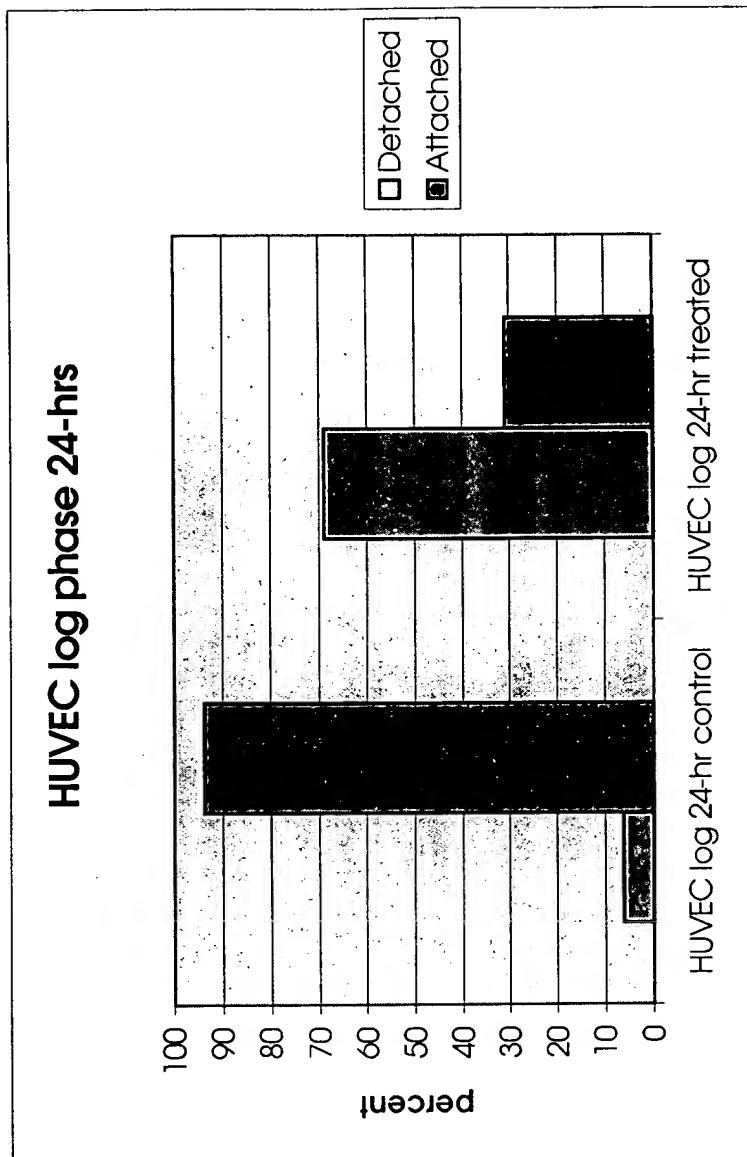


FIG. 1

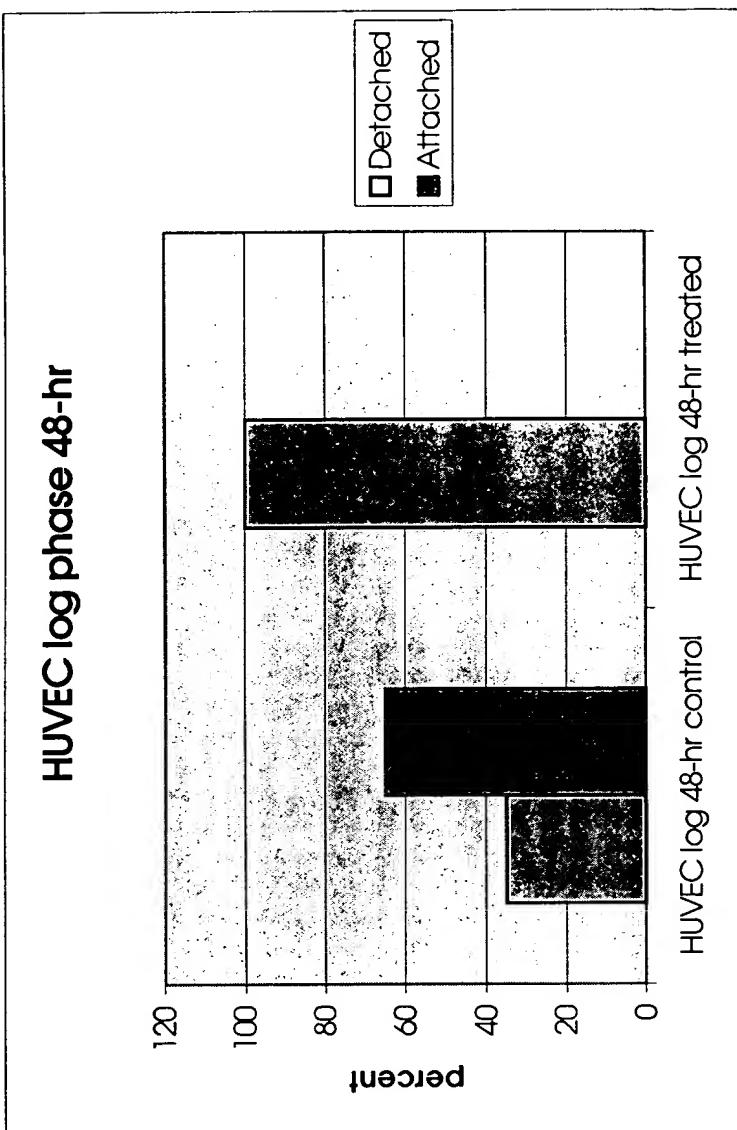


FIG. 2

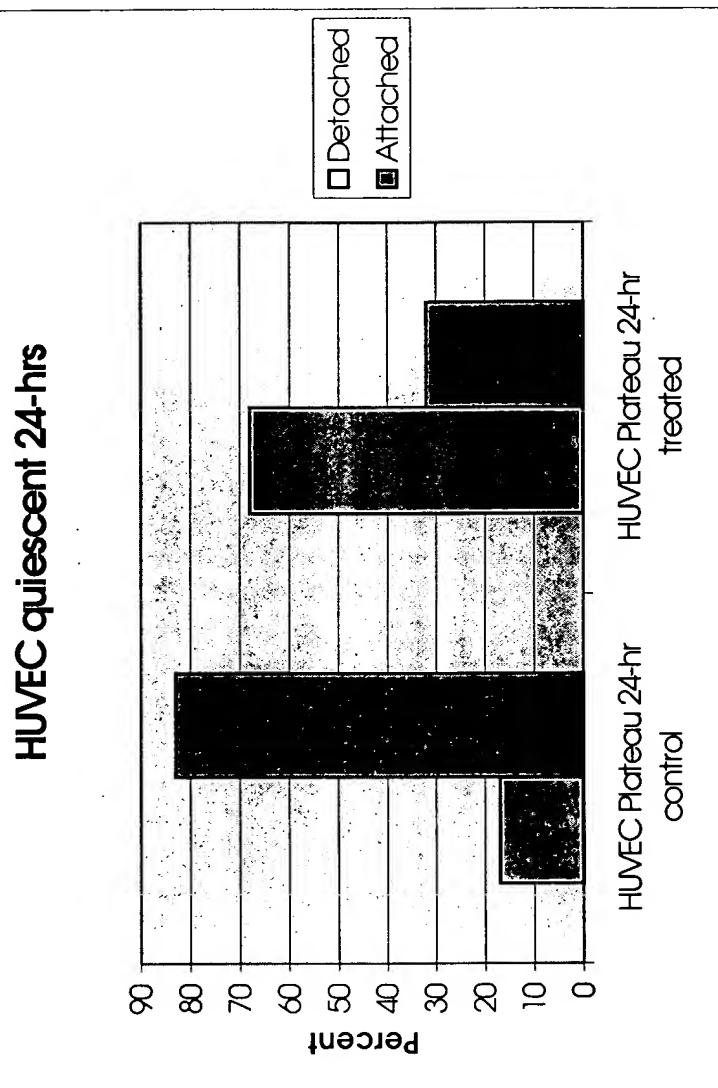


FIG. 3

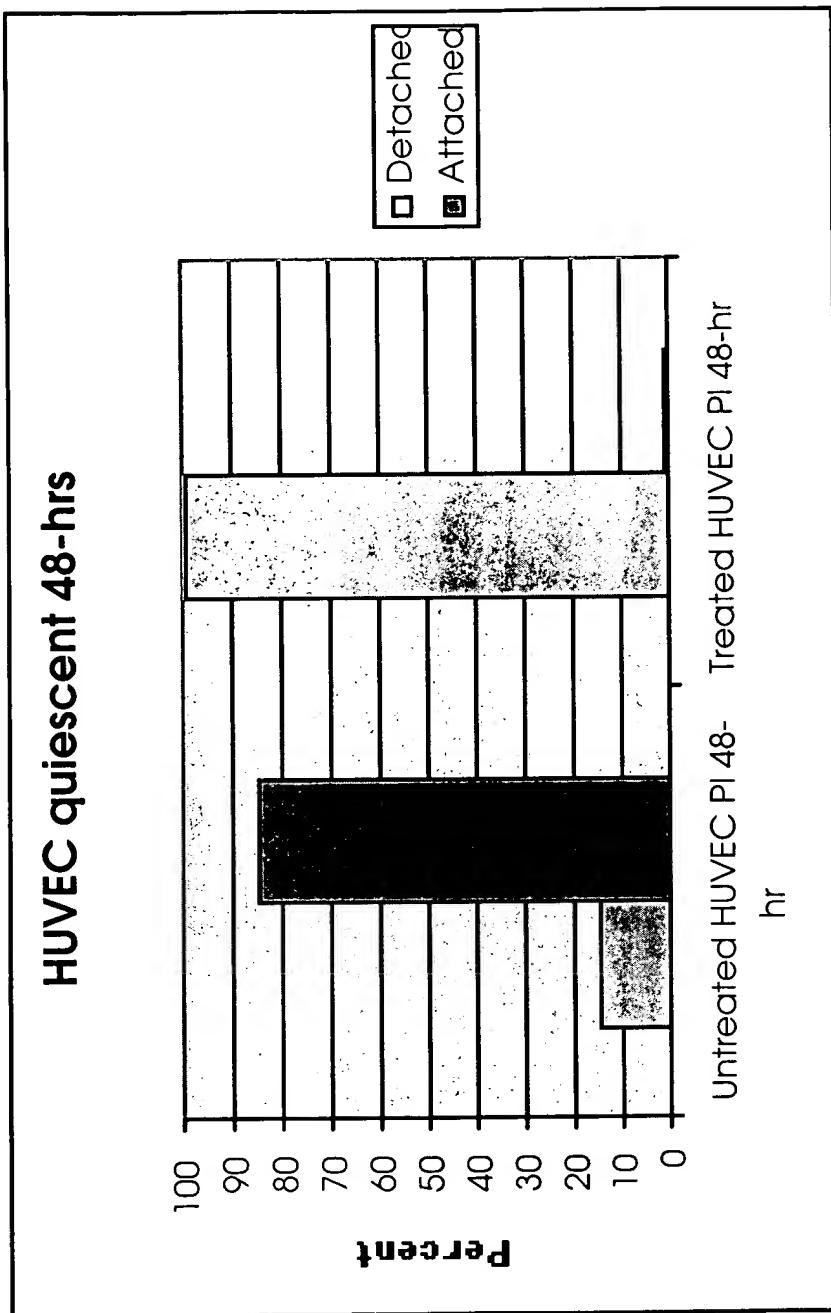


FIG. 4

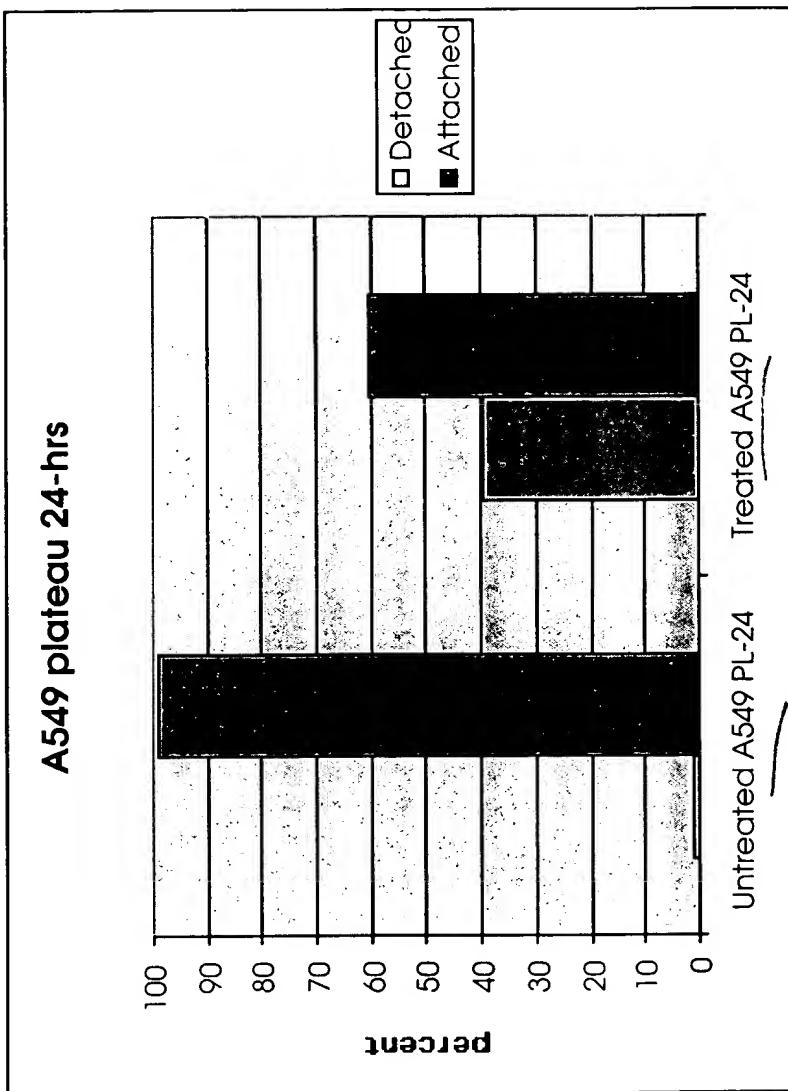


FIG. 5

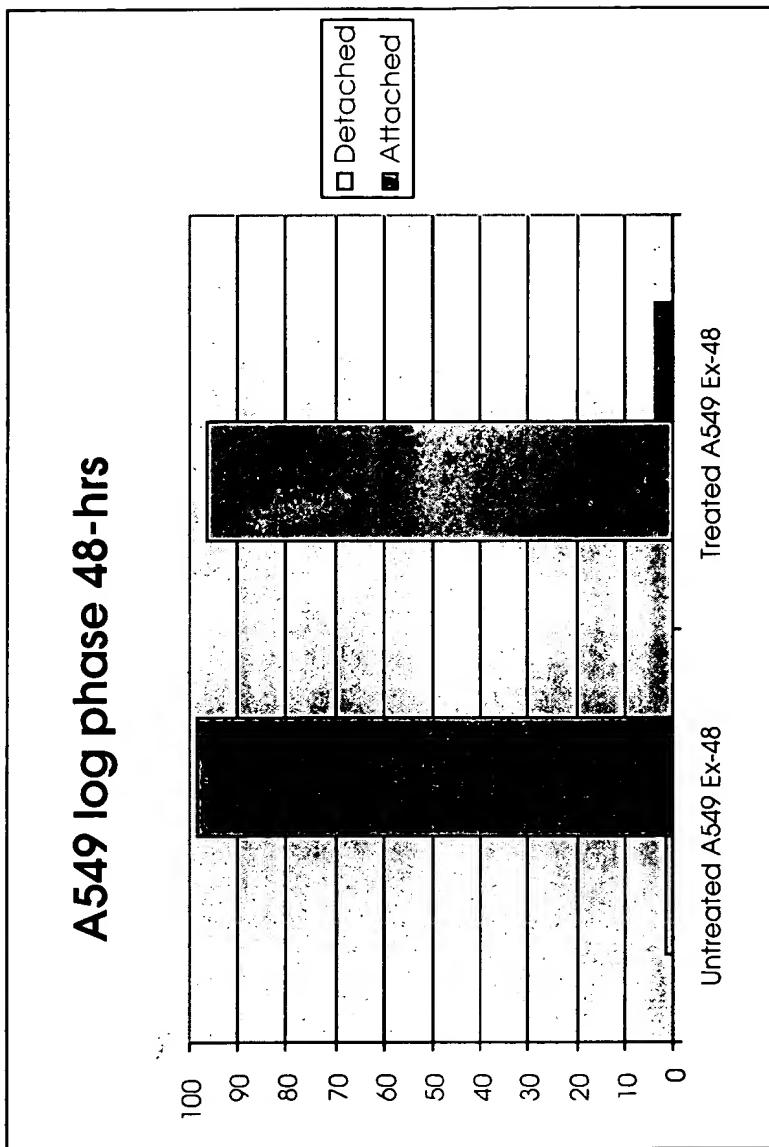


FIG. 6

7 of 24

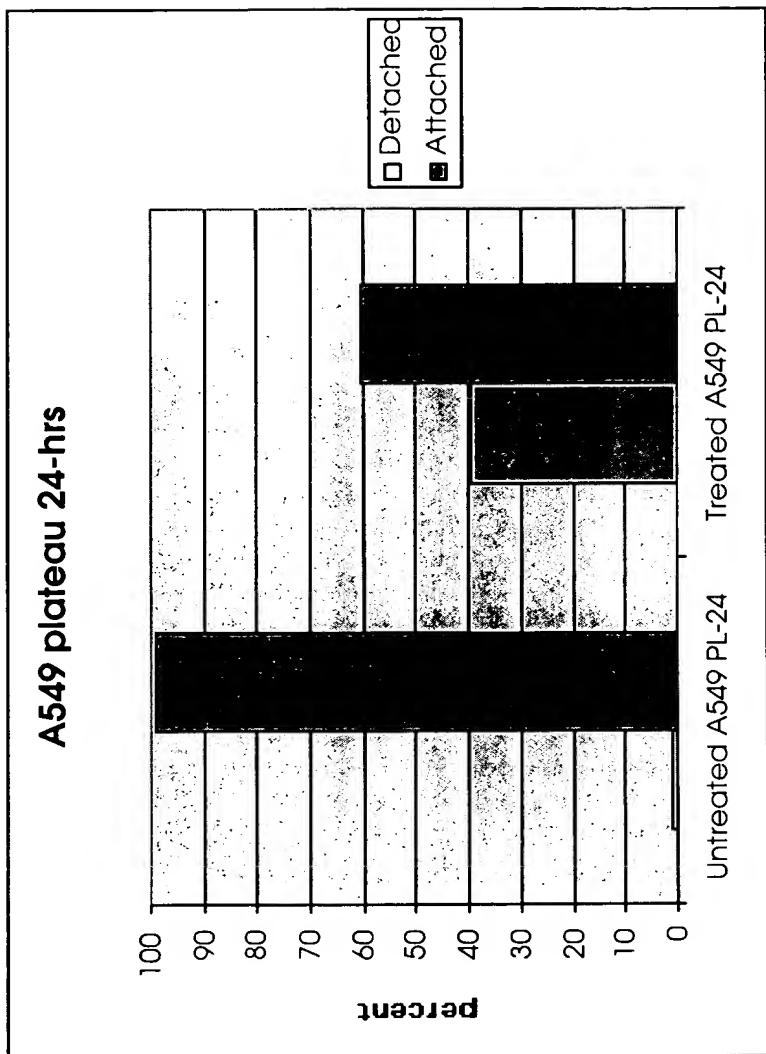


FIG. 7

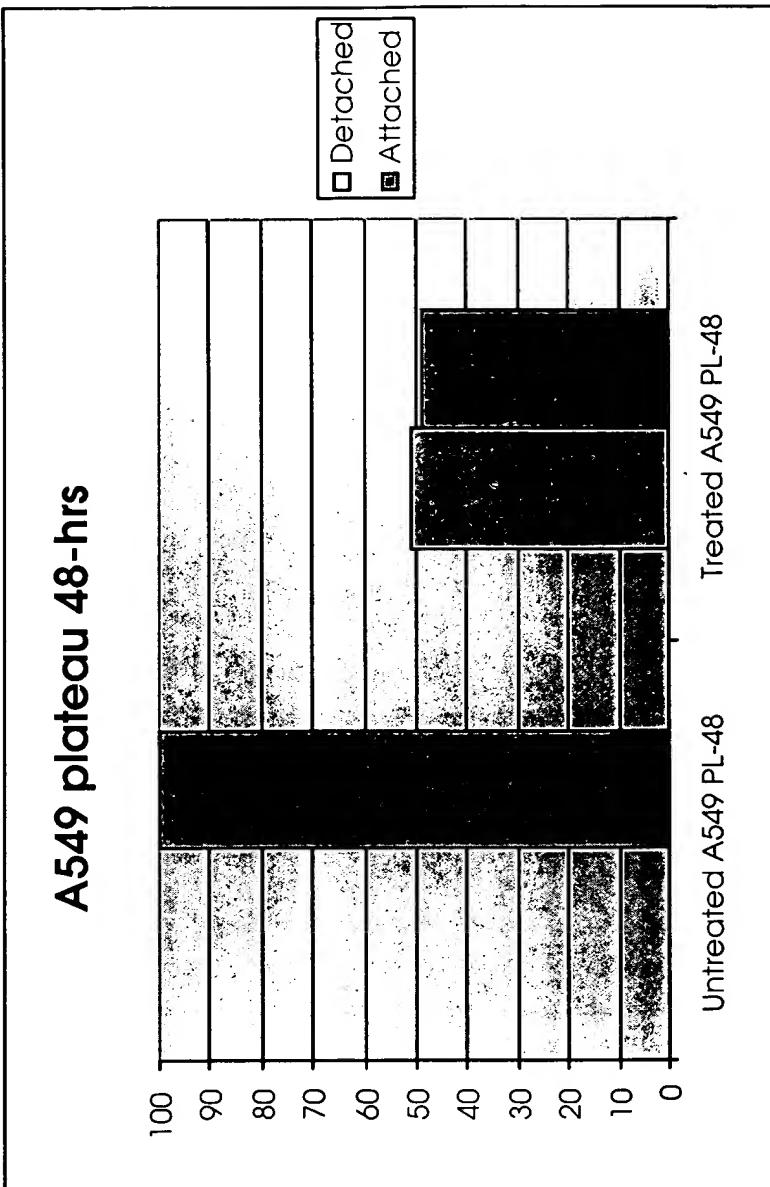


FIG. 8

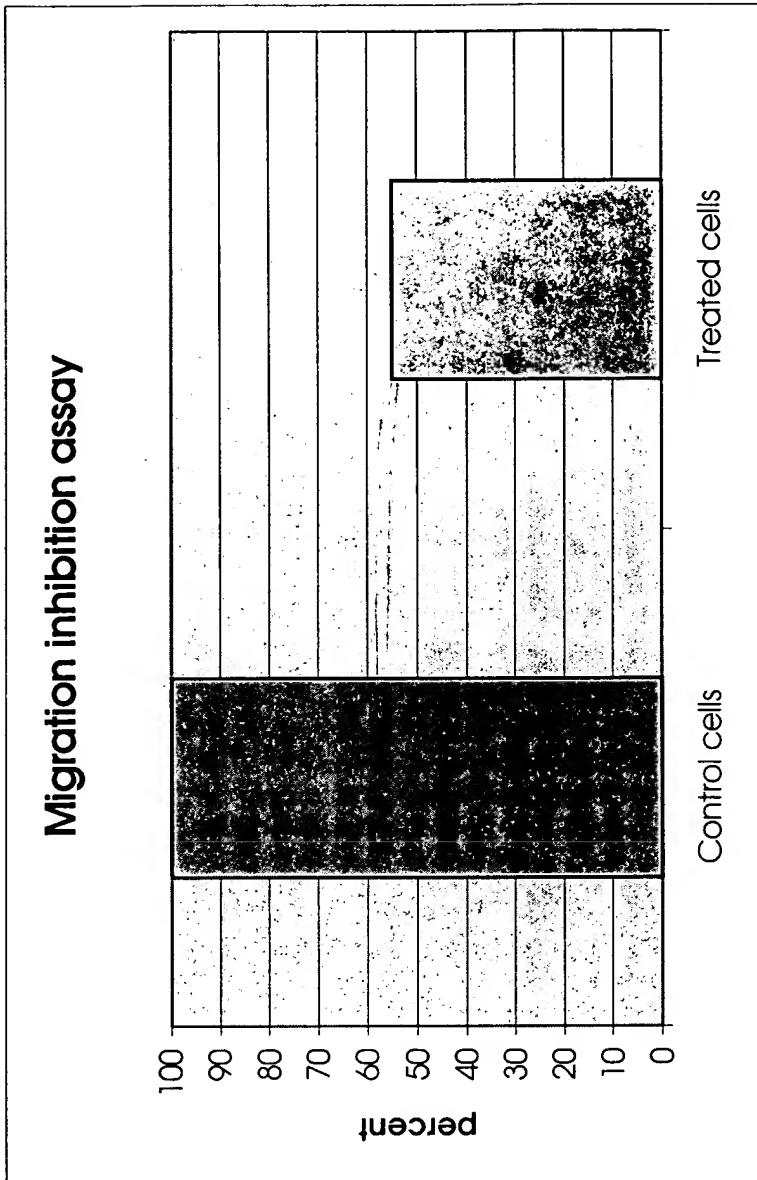


FIG. 9

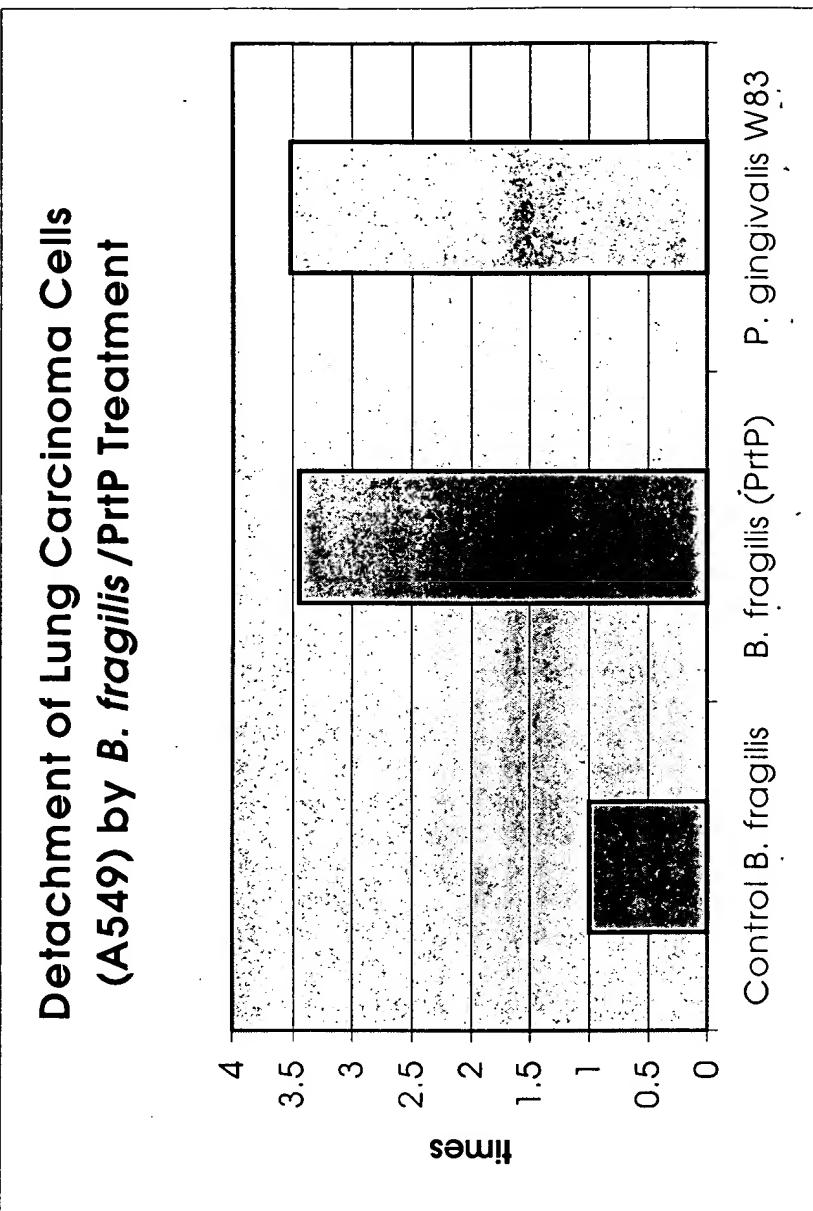


FIG. 10

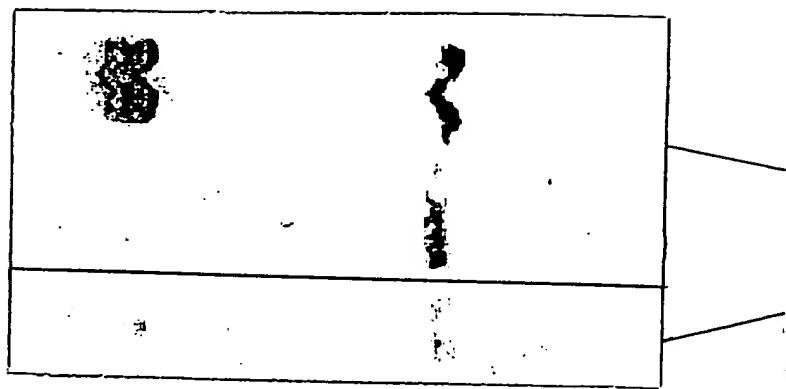


FIG. 11c FIG. 11d

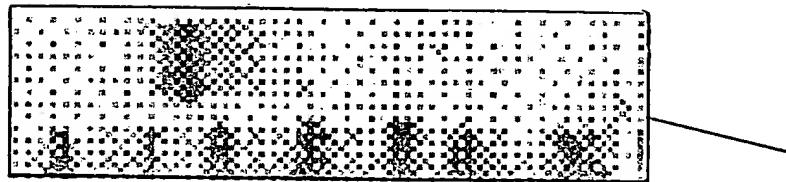


FIG. 11a FIG. 11b



Experimental Conditions	Cells Attached
Control + cysteine	☆☆☆☆☆
0.2mg/ml P.g. lysate + cysteine	☆☆☆
0.4mg/ml P.g. lysate + cysteine	<u>None attached</u>
0.4mg/ml P.g. lysate/heated + cysteine	☆☆☆☆☆
0.4mg/ml P.g. lysate + TLCK + cysteine	☆☆☆☆☆
0.4mg/ml P.g. lysate + PMSF + cysteine	☆☆
0.4mg/ml P.g. lysate + PIC + cysteine	☆
<i>P.gingivalis</i> + cysteine	<u>None attached</u>
<i>P.gingivalis</i> + TLCK + cysteine	☆☆
<i>E.coli</i> lysate + cysteine	☆☆☆☆☆

FIG. 12

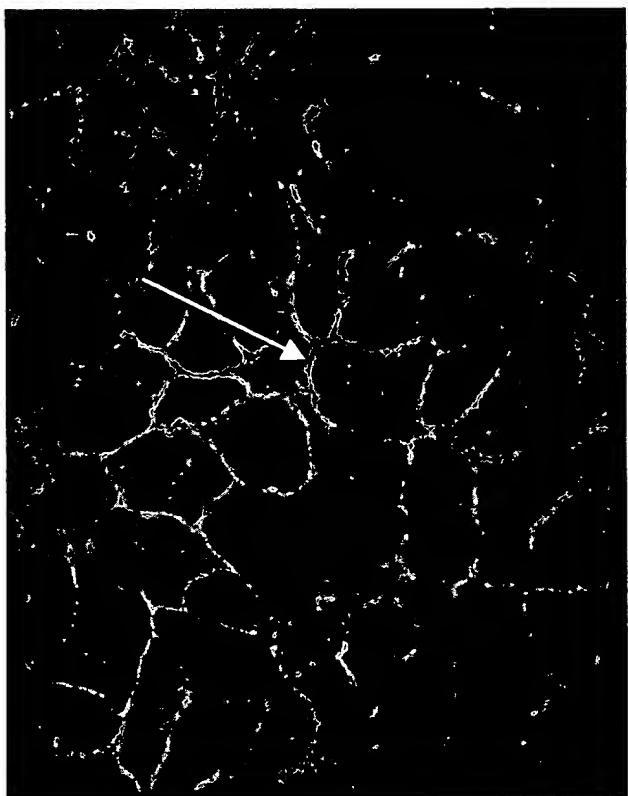


FIG. 13a



FIG. 13b



FIG. 13c

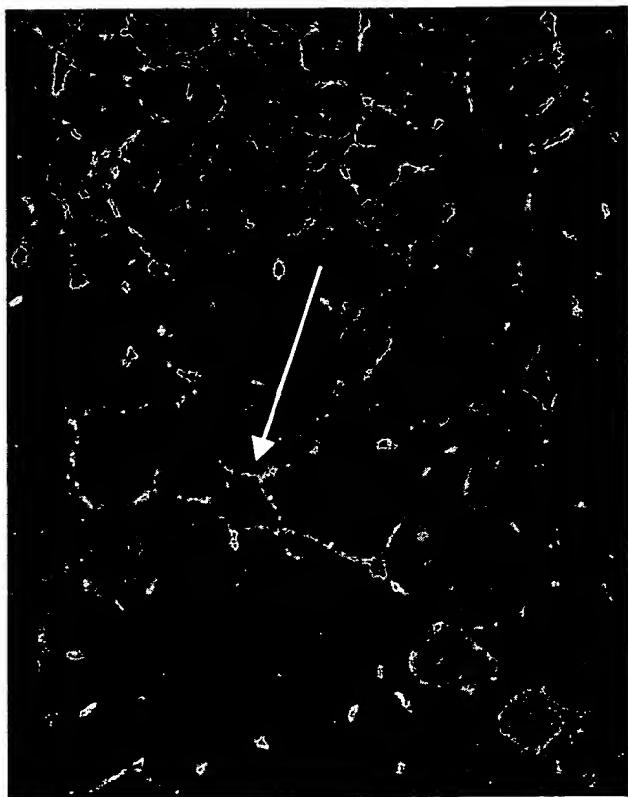


FIG. 13d

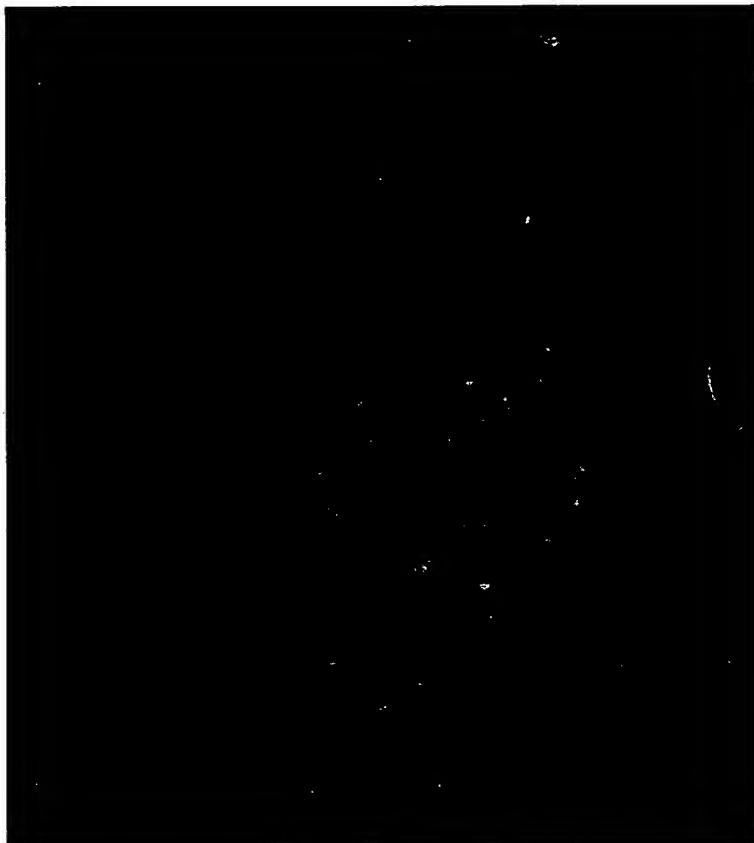


FIG. 13e



FIG. 14a

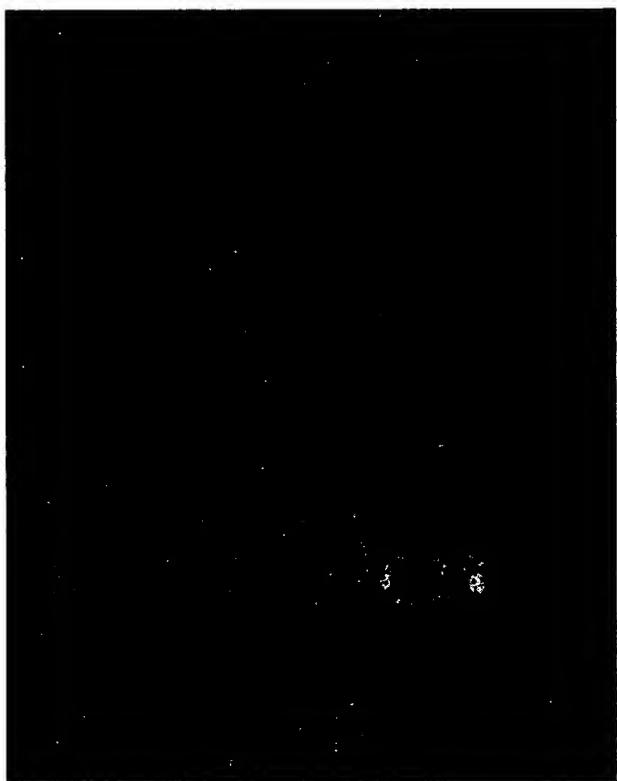


FIG. 14b

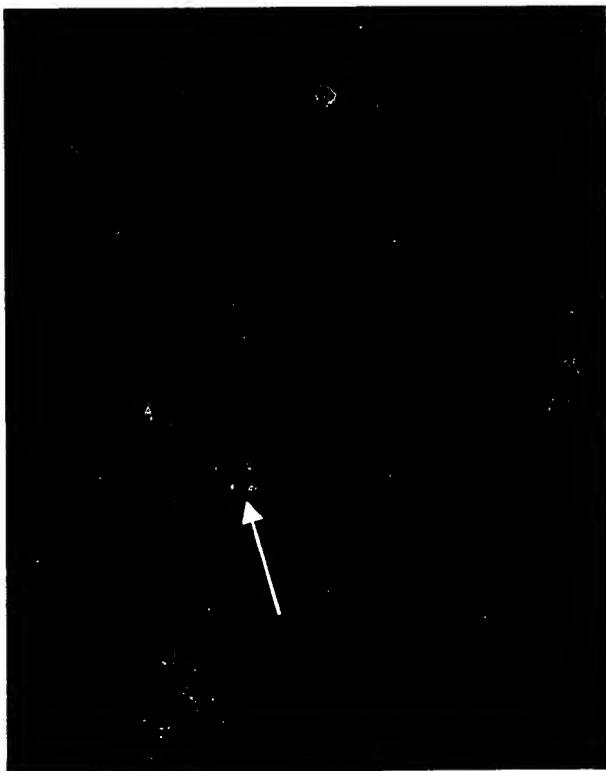


FIG. 14c

21 of 24



FIG. 14d

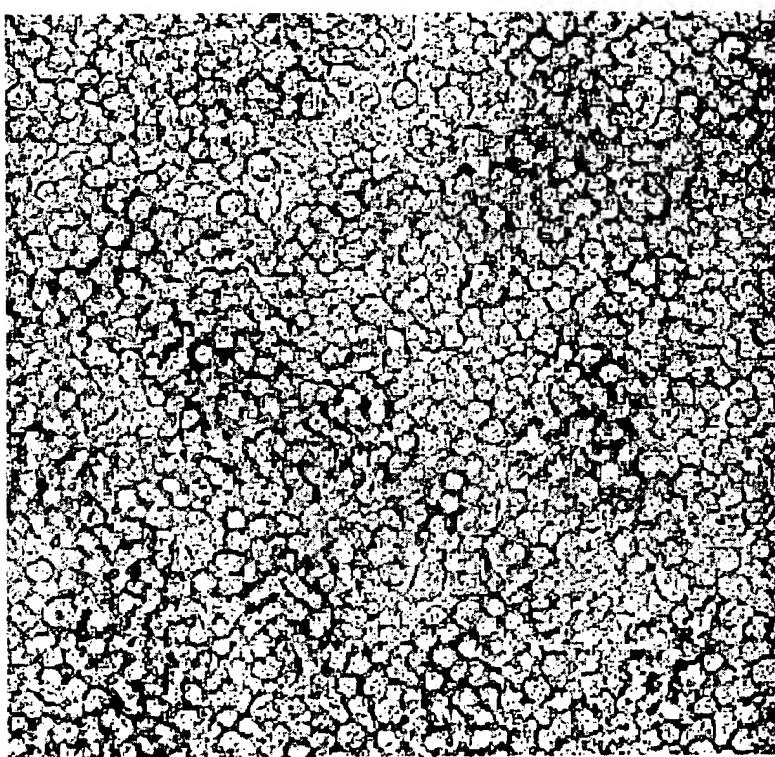


FIG. 15a

67

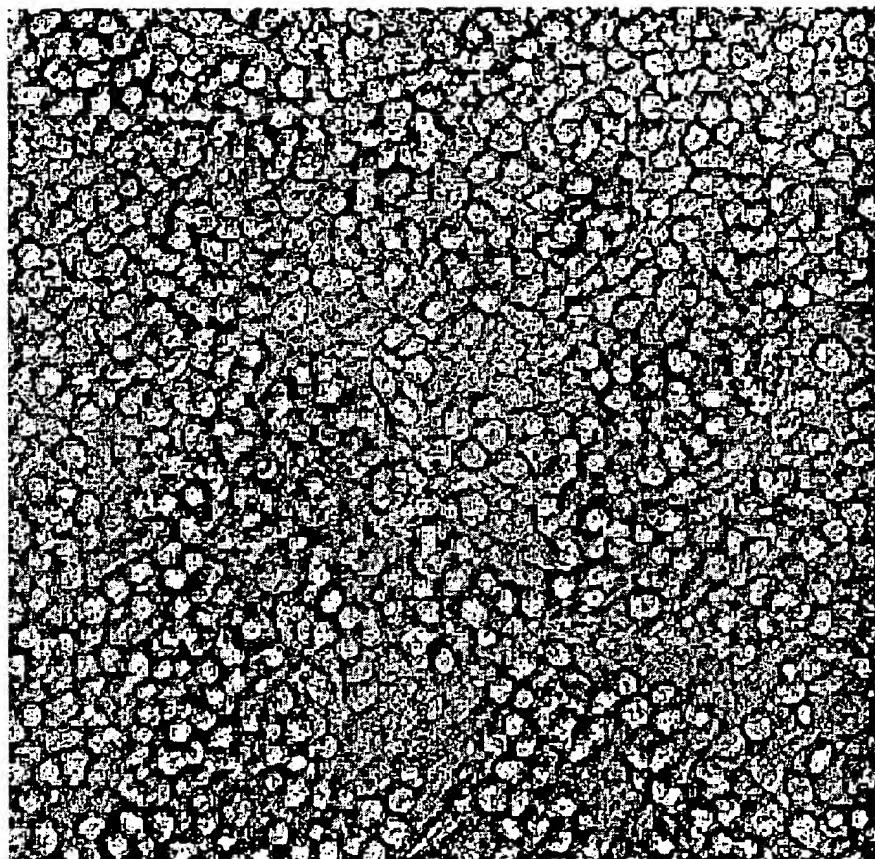


FIG. 15b

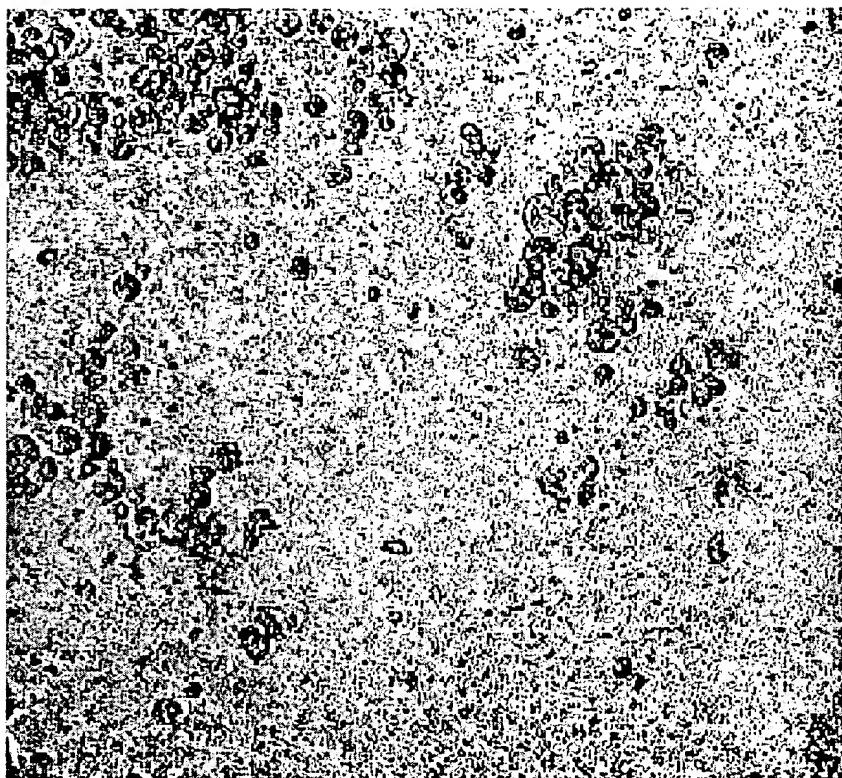


FIG. 15c